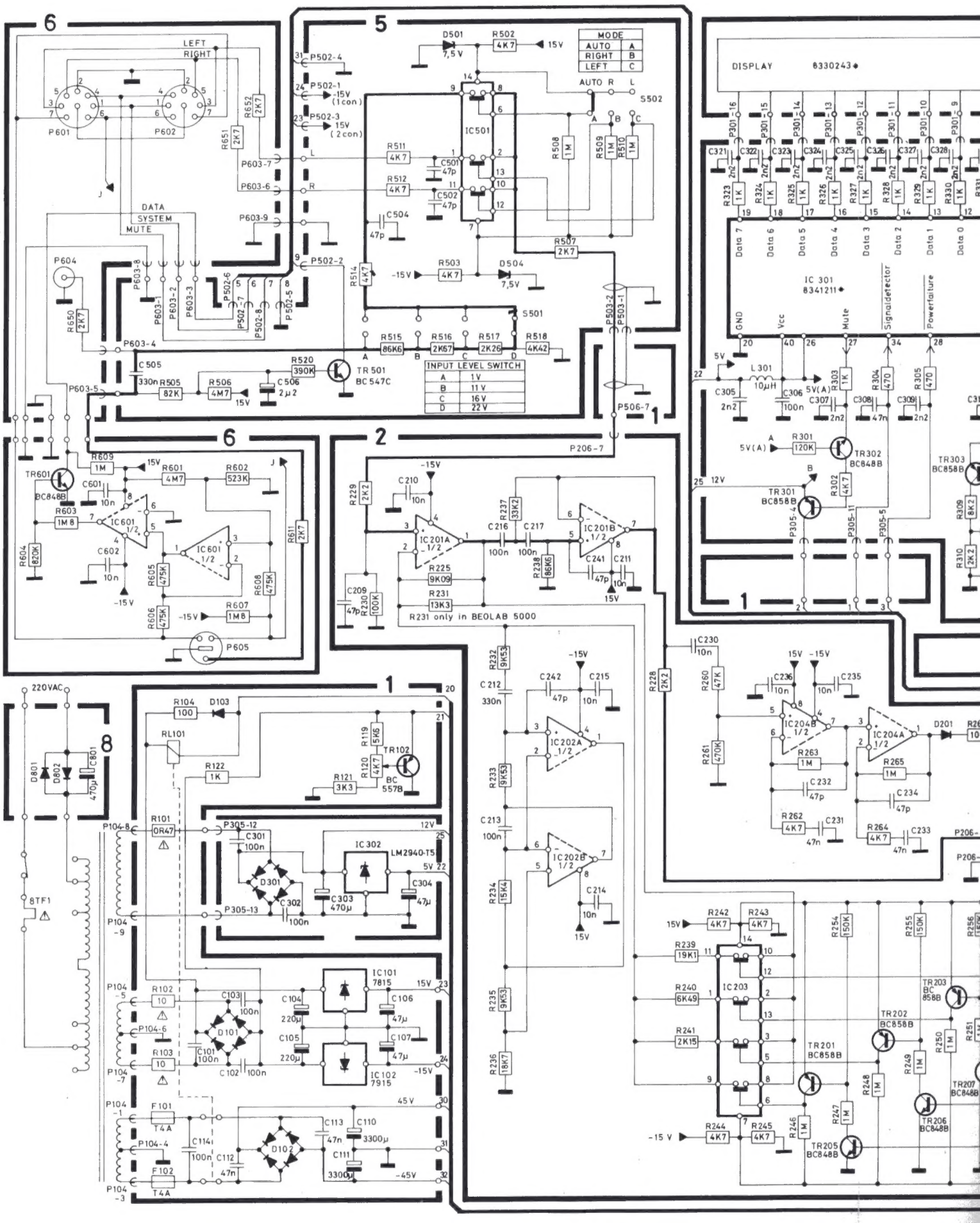
Bang & Olufsen

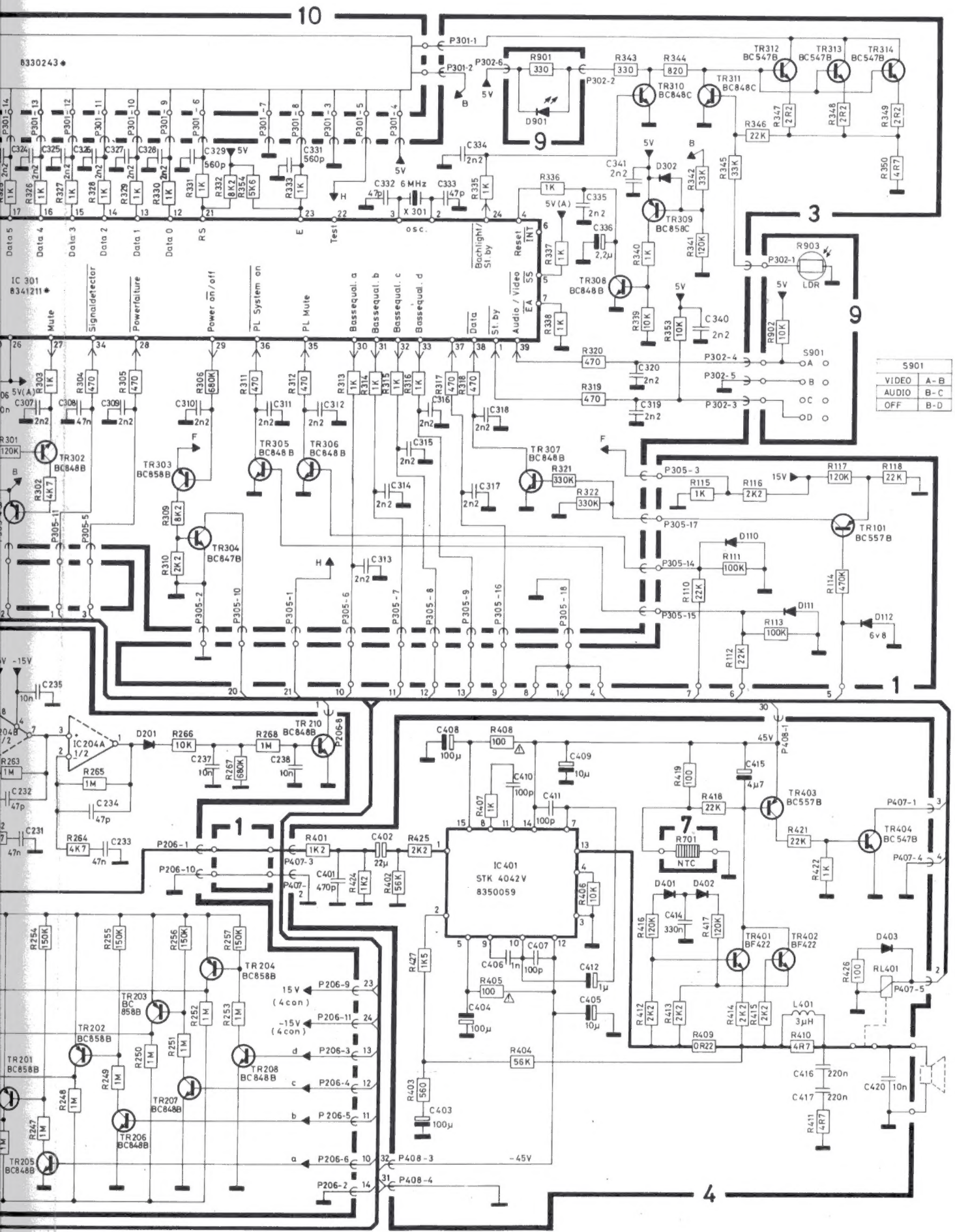
Beovox 3000
Beolab 3000
Beovox 5000
Beolab 5000

BEOVOX 5

+
Beolab
Penta

DIAGRAM


DISPLAY 8330243
IC 301 8341211
MODE
AUTO A
RIGHT B
LEFT C
INPUT LEVEL SWITCH
A 1V
B 11V
C 16V
D 22V
R231 only in BEOLAB 5000
LEFT
RIGHT
DATA
SYSTEM
MUTE
220VAC
8TF1
TR 501 BC 547C
TR102 BC 557B
TR301 BC858B
TR302 BC848B
TR303 BC858B
TR601 BC848B
TR201 BC858B
TR202 BC858B
TR203 BC 858
TR205 BC848B
TR206 BC848B
TR207 BC848B
IC 302 LM2940-T5
IC101 7815
IC 102 7915
IC 203
L301 10µH
P601
P602
P604
P605
P606
P606-7
P206-7


10
9
3
1
4
8330243
P301-1
P301-2
P302-6
P302-2
R901 330
D901
R343 330
R344 820
TR310 BC848C
TR311 BC848C
TR312 BC547B
TR313 BC547B
TR314 BC547B
R346 22K
R347 2R2
R348 2R2
R349 2R2
R350 4R7
R345 33K
C334 2n2
C341 2n2
D302
R342 33K
TR309 BC858C
R340 1K
R341 120K
R339 10K
R353 10K
C340 2n2
R902 10K
R903
P302-1
LDR
S901
P302-4
P302-5
P302-3
S901
VIDEO A-B
AUDIO B-C
OFF B-D
C332 6 MHz
C333
X 301
osc.
R335 1K
R336 1K
C335 2n2
C336 2,2µ
R337 1K
R338 1K
TR308 BC848B
IC 301
8341211
Mute
Signaldetector
Powerfailure
Power on/off
PL System on
PL Mute
Bassequal. a
Bassequal. b
Bassequal. c
Bassequal. d
Data
St. by
Audio / Video
Reset
Bachlight/ St. by
Data 5
Data 4
Data 3
Data 2
Data 1
Data 0
RS
E
Test
R303 1K
R304 470
R305 470
R306 680K
R311 470
R312 470
R313 1K
R314 1K
R315 1K
R316 1K
R317 470
R318 470
R320 470
R319 470
C320 2n2
C319 2n2
C307 2n2
C308 47n
C309 2n2
C310 2n2
C311 2n2
C312 2n2
C313 2n2
C314 2n2
C315 2n2
C316 2n2
C317 2n2
C318 2n2
TR302 BC848B
TR303 BC858B
TR304 BC847B
TR305 BC848 B
TR306 BC848 B
TR307 BC848B
R301 120K
R302 4K7
R309 8K2
R310 2K2
R321 330K
R322 330K
P305-3
P305-17
P305-14
P305-15
R115 1K
R116 2K2
R117 120K
R118 22K
TR101 BC557B
D110
D111
D112 6v8
R111 100K
R113 100K
R110 22K
R112 22K
R114 470K
P305-11
P305-5
P305-2
P305-10
P305-1
P305-6
P305-7
P305-8
P305-9
P305-16
P305-18
C235 10n
IC 204A 1/2
D201
R266 10K
R268 1M
TR 210 BC848B
P206-8
C237 10n
R267 680K
C238 10n
R265 1M
C234 47p
C232 47p
C231 47n
R263 1M
R264 4K7
C233 47n
P206-1
P206-10
P407-3
P407-2
R401 1K2
C402 22µ
R425 2K2
C401 470p
R424 1K2
R402 56K
IC 401
STK 4042V
8350059
C408 100µ
R408 100
C409 10µ
C410 100p
C411 100p
R407 1K
C406 1n
C407 100p
C412 1µ
C405 10µ
R405 100
C404 100µ
R404 56K
R403 560
C403 100µ
R427 1K5
R406 10K
C415 4µ7
R419 100
R418 22K
TR403 BC557B
R421 22K
TR404 BC 547B
R422 1K
R701 NTC
P407-1
P407-4
P408-1
45V
D401
D402
C414 330n
R416 120K
R417 120K
TR401 BF422
TR402 BF422
D403
RL401
R426 100
P407-5
R412 2K2
R413 2K2
R414 2K2
R415 2K2
L401 3µH
R410 4R7
R409 0R22
C416 220n
C417 220n
C420 10n
R411 4R7
R254 150K
R255 150K
R256 150K
R257 150K
TR204 BC858B
TR203 BC 858B
TR202 BC858B
TR201 BC858B
R252 1M
R253 1M
R250 1M
R251 1M
R249 1M
R248 1M
R247 1M
TR208 BC848B
TR207 BC848B
TR206 BC848B
TR205 BC848B
15V (4 con)
-15V (4 con)
P206-9
P206-11
P206-3
P206-4
P206-5
P206-6
P206-2
P408-3
P408-4
-45V